

Response Under 37 CFR 1.116

Expedited Procedure

Examining Group 3781

Application No. 10/519,880

Paper Dated: June 4, 2010

In Reply to USPTO Correspondence of March 5, 2010

Attorney Docket No. 3988-045910

AMENDMENTS TO THE CLAIMS

Claims 1-24 were previously cancelled. Claims 36-45 are withdrawn from consideration. This Amendment cancels claims 40 and 43-45 without prejudice, amends claims 25 and 46, and adds new claims 51-54. Upon entering this Amendment, this Listing of Claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1-24 (Cancelled)

25. (Currently Amended) A cap for a laminated carton packaging for beverages, the cap comprising:

a support member having a circumferential angled edge, wherein an outer surface of the angled edge defines a perimeter of the support member and a substantially planar surface within the perimeter;

including—a spout element within and spaced from the perimeter, the spout element having a screw thread and a spout opening designed to be closed by a screw cap;

wherein the cap is constructed of plastic and is deep drawn, wherein the laminated carton packaging includes a packaging body having an end, and wherein the support member is to be mounted on the end of the packaging planar surface includes a with the circumferential angled edge engaging a surface of the packaging.

26. (Previously Presented) The cap according to claim 25, wherein the spout element has a screw thread with at least one thread turn.

27. (Previously Presented) The cap according to claim 25, wherein the spout element has a screw thread with at least one thread turn and the at least one thread turn comprises several thread sections arranged with a distance to each other and aligned with each other.

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28. (Previously Presented) The cap according to claim 25, wherein the plastic is a deep drawing monomer foil.

29. (Previously Presented) The cap according to claim 25, wherein the plastic is a deep drawing multilayer foil.

30. (Previously Presented) The cap according to claim 29, wherein the multilayer foil has at least one of oxygen and aroma barrier properties.

31. (Previously Presented) The cap according to claim 25, wherein the circumferential angled edge is an upward angled edge.

32. (Previously Presented) The cap according to claim 25, wherein the circumferential angled edge is a downward angled edge.

33. (Previously Presented) The cap according to claim 25, wherein the circumferential angled edge is an upward angled edge with a concentric adjacent collar with a slightly outward pitch and downward tapering periphery.

34. (Previously Presented) The cap according to claim 25, wherein the spout opening is sealed by a film before an unscrewing of the screw cap.

35. (Previously Presented) The cap according to claim 25, wherein the screw cap is screwed liquid-tight onto the spout element.

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36 (Withdrawn) A tool for deep drawing a cap for a laminated carton packaging for beverages having a deep drawing form with a multitude of suction holes, comprising:

the deep drawing form including a thread feed pipe, wherein,

before a deep drawing procedure, the thread feed pipe is moved out of a tool body of the deep drawing form into a working position via a spindle drive; and

after the deep drawing procedure, the thread feed pipe is unscrewed out of the cap, further wherein the cap is formed of rigid plastic.

37. (Withdrawn) A tool for deep drawing a cap for laminated carton packaging for beverages with a deep drawing form having a multitude of suction holes, comprising:

the deep drawing form including a tube arranged with recesses formed as screw threads;

a spreading tool, positioned under the tube, arranged with a multitude of elevations executed as a thread turn corresponding to divisions of the spreading tool, wherein,

the spreading tool is driven into the tube during a deep drawing procedure thereby moving the elevations of the spreading tool outwardly through the recesses of the tube.

38. (Withdrawn) The tool according to claim 37, wherein the tube and the spreading tool have a slightly conical form.

39. (Withdrawn) The tool according to claim 37, wherein the spreading tool comprises three spreading elements.

40. (Cancelled)

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41. (Withdrawn) A method for manufacturing a cap for a laminated carton packaging for beverages, wherein the laminated carton packaging for beverages comprises a plastic cap and a packaging body, comprising the steps of:

supplying a plasticized foil over a deep drawing form having a thread feed pipe projecting out of a tool body;

deep drawing of the foil;

releasing of a deep drawn cap after an unscrewing of the thread feed pipe from the cap by means of screwing into the tool body; and

punching out the cap and a spout opening.

42. (Withdrawn) A method of manufacturing a cap for a laminated carton packaging for beverages, wherein the laminated carton packaging for beverages comprises a cap constructed from plastic and a packaging body, comprising the steps of:

supplying a plasticized foil over a deep drawing form having a tube and a spreading tool, wherein the spreading tool includes thread turns;

spreading out the spreading tool;

deep drawing the foil over the thread turns of the spreading tool, wherein the spreading tool is in a spread-out position;

releasing a deep drawn cap after coincided driving of the thread turns forming the spreading tool; and

punching out the cap and a spout opening.

43-45. (Cancelled)

46. (Currently Amended) A laminated carton packaging for beverages, comprising:

a cap; and

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a packaging body,

the cap comprising:

a support member having a circumferential angled edge, wherein an outer surface of the angled edge defines a perimeter of the support member and a substantially planar surface within the perimeter;

including a spout element within and spaced from the perimeter, the spout element having a screw thread and a spout opening designed to be closed by a screw cap;

wherein the cap is constructed of plastic and is deep drawn, wherein the packaging body has an end, and wherein the planar surface includes a support member is mounted on the end of the packaging body with the circumferential angled edge engaging a surface of the packaging.

47. (Previously Presented) The laminated carton packaging for beverages with a cap according to claim 46, wherein the packaging body comprises carton/plastic/Al laminate material.

48. (Previously Presented) The laminated carton packaging for beverages with a cap according to claim 46, wherein the packaging body comprises a jacket constructed of carton/plastic laminate material and a bottom constructed of plastic.

49. (Previously Presented) The laminated carton packaging for beverages with a cap according to claim 46, wherein the packaging body comprises a jacket constructed of carton/plastic/Al laminated material and a bottom constructed of plastic.

50. (Previously Presented) The laminated carton packaging for beverages with a cap according to claim 46, wherein the packaging body comprises carton/plastic laminate material.

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51. (New) The cap according to claim 25, comprising an elevated platform within the perimeter of the support member and spaced from the spout element, wherein the platform has a recess to receive the screw cap.

52. (New) The cap according to claim 25, wherein the spout element is connected to the support member by a membrane whereby the spout element can be swiveled into a pouring position.

53. (New) The laminated carton packaging for beverages according to claim 46, comprising an elevated platform within the perimeter of the support member and spaced from the spout element, wherein the platform has a recess to receive the screw cap.

54. (New) The laminated carton packaging for beverages according to claim 46, wherein the spout element is connected to the support member by a membrane whereby the spout element can be swiveled toward the perimeter of the support member to position the spout element into a pouring position.